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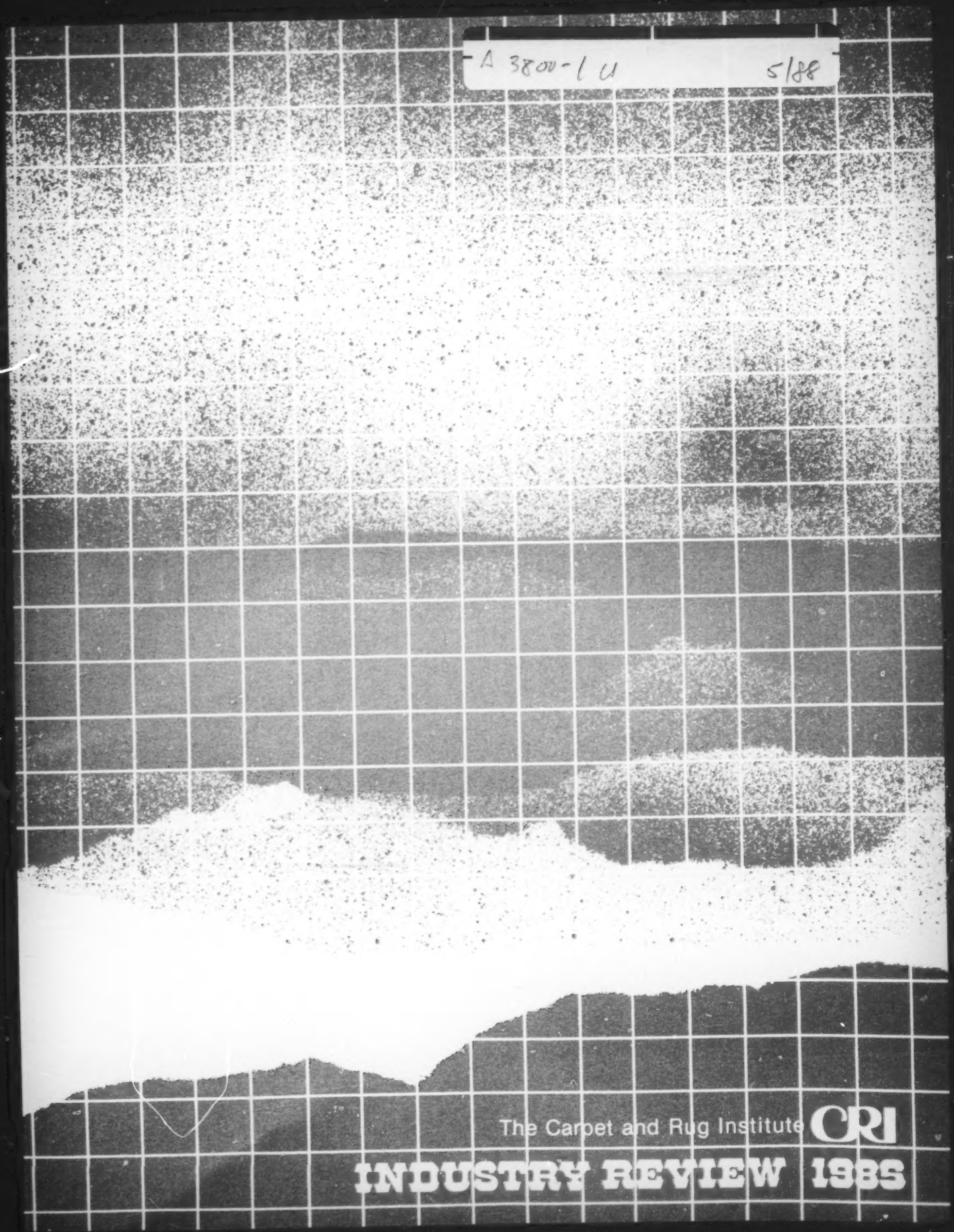

The Carpet and Rug Institute CRI

INDUSTRY REVIEW 1985

Preface

The Carpet and Rug Institute is the national trade association representing the carpet and rug industry in the United States. CRI members are either manufacturers of carpet, rugs or other industry products, or are suppliers of raw materials and services to the industry.

The work of the Institute is under the direction of an elected Chairman and Board of Directors and an appointed President. Each phase of industry activity is assigned to professional staff in such areas as marketing, public relations, member services, governmental and consumer affairs, and technical services.

Lending their time and expertise to assist the staff are personnel from member companies who work on committees and subcommittees.

CRI maintains permanent offices in Dalton, Georgia, and in Washington, D.C.

Highlights of 1985

- Shipments totaled $6.606 billion, an increase of 2.2 percent from 1984.
- Total square yards reached 1.159 billion, up 4.0 percent from 1984.
- Tufted's share of market was 94.8 percent on a square yard basis, and 94.2 percent based on dollars.
- Woven products held a 1.3 percent share on a square yard basis and 3.4 percent based on dollars.
- Nylon held a 78.0 percent share of the face fiber market; polypropylene ranked second with 15.2 percent; polyester 6.2 percent; and wool almost one percent.
- Export sales were $165.1 million, down 31.3 percent from 1984.
- The top five markets for U.S. exports were: Saudi Arabia, Canada, Kuwait, United Arab Emirates, and Japan.
- Imports reached $510.4 million, an increase of 11.2 percent from 1984.
- The top five suppliers to the U.S. were: India, China, Belgium, United Kingdom, Iran and Pakistan.

Highlights of 1984

- Shipments totaled $6.5 billion, an increase of 6.9 percent from 1983.
- Total square yards reached 1.115 billion, up 2.3 percent from 1983.
- Tufted's share of market was 95.0 percent on a square yard basis, and 94.2 percent based on dollars.
- Woven products held a 1.3 percent share on a square yard basis and 3.3 percent based on dollars.
- Nylon held an 80.1 percent share of the face fiber market; polypropylene ranked second with 12.4 percent; polyester 6.9 percent: and wool less than one percent.
- Export sales were $216.4 million, down 18.1 percent from 1983.
- The top five markets of U.S. exports were: Saudi Arabia, Canada, Kuwait, United Arab Emirates, and Japan.
- Imports reached $458.9 million, an increase of 44.7 percent from 1983.
- The top five suppliers to the U.S. were: China, India, Belgium, Pakistan and United Kingdom.

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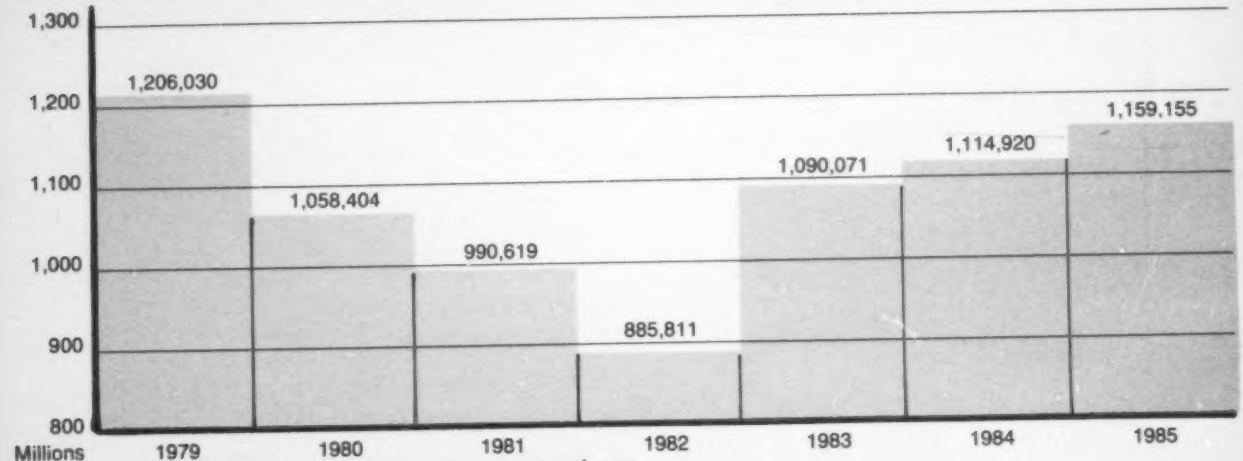
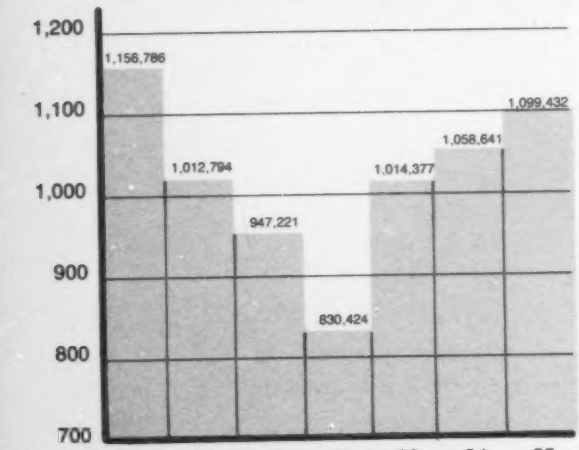
TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS



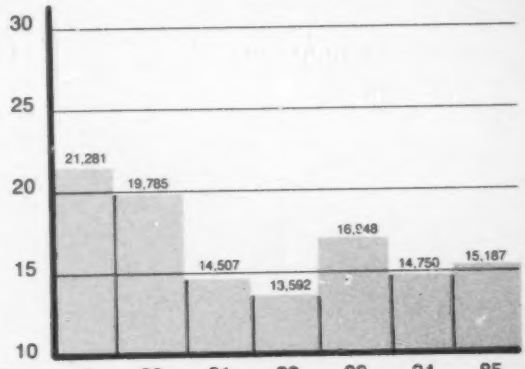
Millions Sq. Yds. Includes all tufted, woven and all other carpet and rugs.

TUFTED



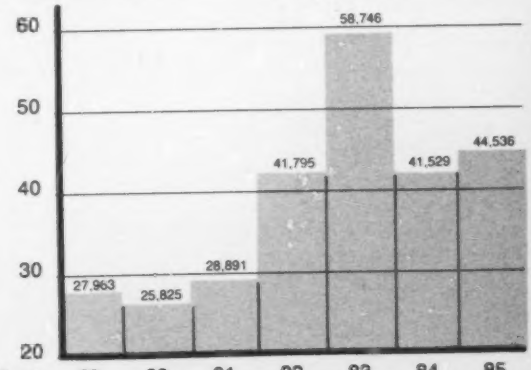
Millions Sq. Yds. Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

WOVEN



Millions Sq. Yds. Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER

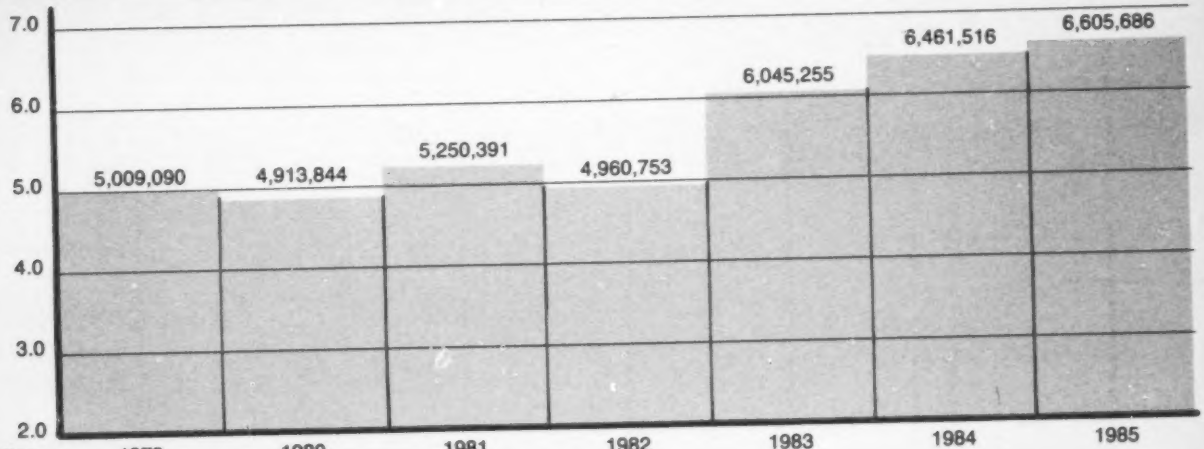


Millions Sq. Yds. Includes knitted, needlepunch, braided, hooked and other carpet and rugs not elsewhere classified (N.E.C.).

Refer to Appendix Table 1, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

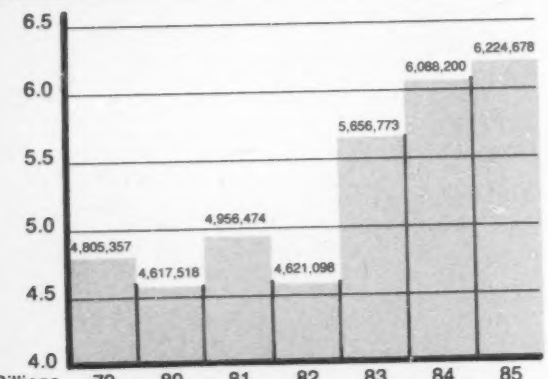
TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE



Billions of Dollars

Includes all tufted, woven, and all other carpet and rugs.

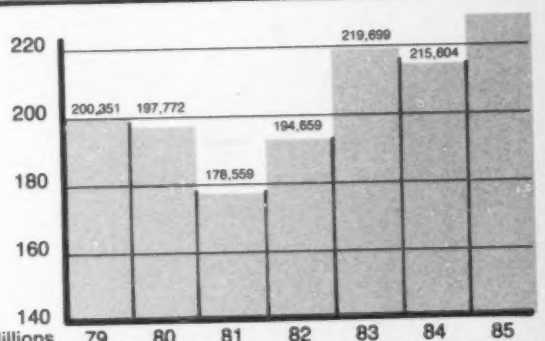
TUFTED



Billions of Dollars

Includes rugs and roll goods larger than 6' x 9', rugs smaller than 6' x 9', tufted artificial grass for non-athletic surfaces and automobile and aircraft carpet.

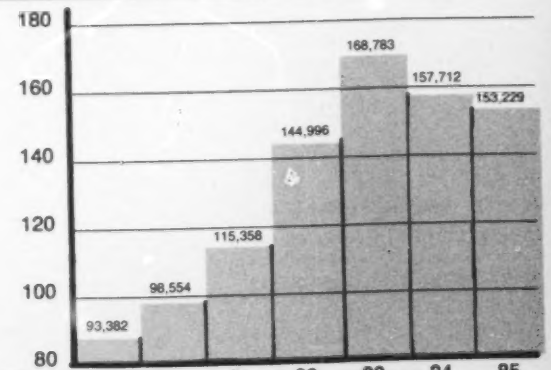
WOVEN



Millions of Dollars

Includes Velvet, Wilton, Axminster and other types of woven carpet and rugs.

ALL OTHER



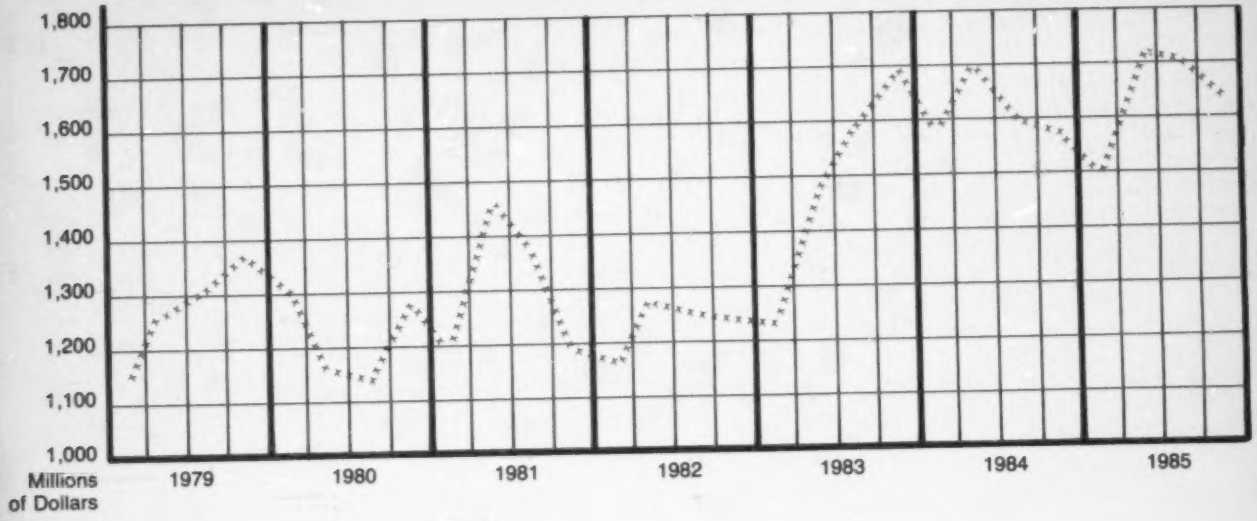
Millions of Dollars

Includes knitted, needlepunch, braided, hooked and other carpet and rugs N.E.C.

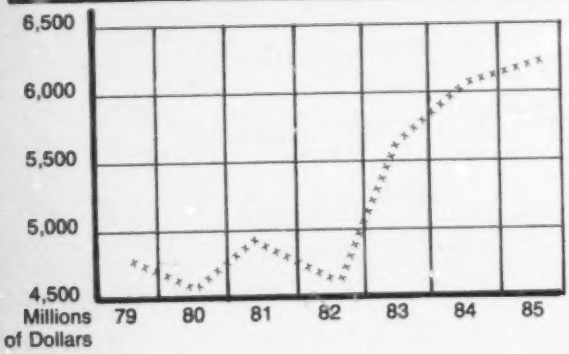
Refer to Appendix Table 2, page 7, for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

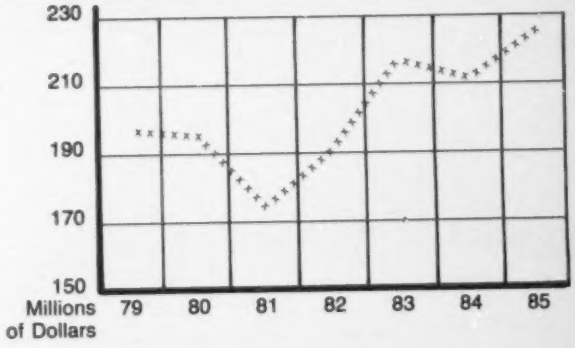
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — DOLLARS



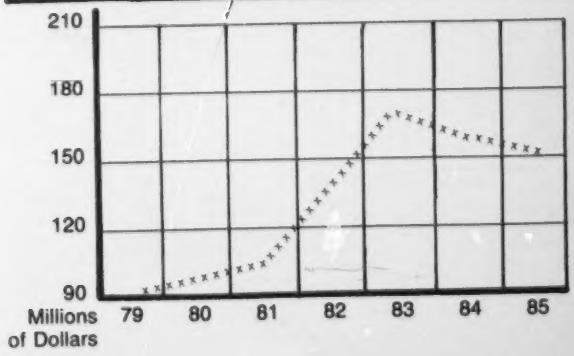
TUFTED SHIPMENTS — DOLLARS



WOVEN SHIPMENTS — DOLLARS



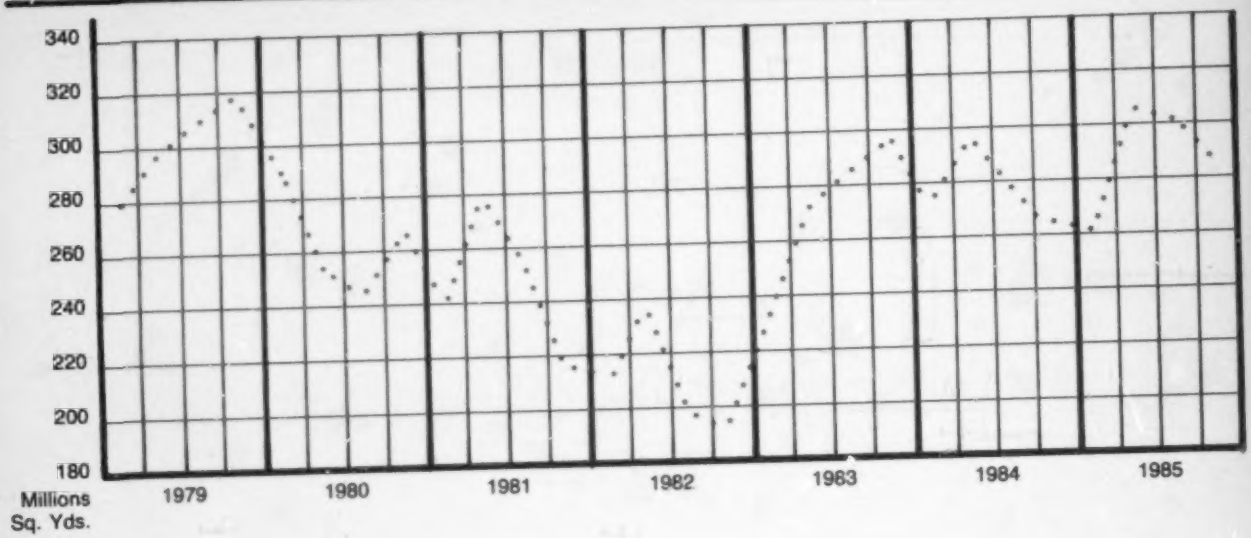
ALL OTHER SHIPMENTS — DOLLARS



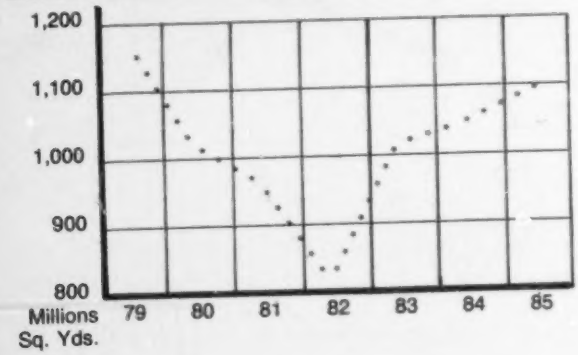
Refer to Appendix Tables 2 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

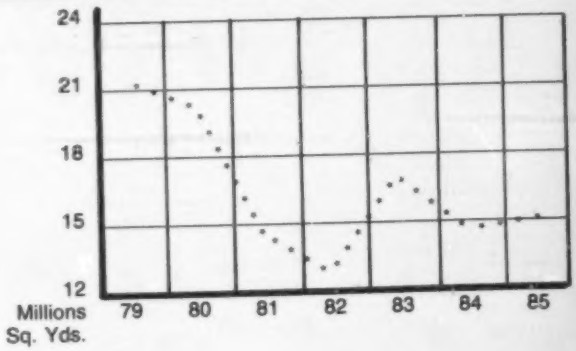
TOTAL INDUSTRY SHIPMENTS — QUARTERLY — SQUARE YARDS



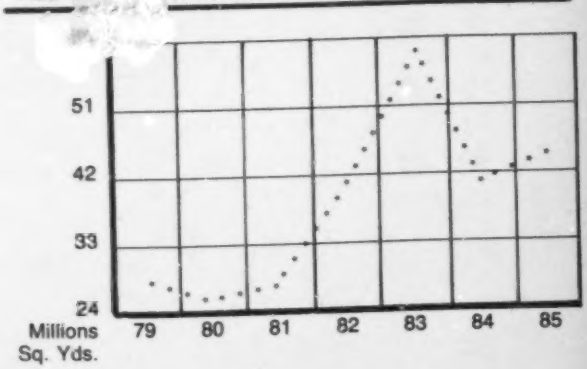
TUFTED SHIPMENTS — SQUARE YARDS



WOVEN SHIPMENTS — SQUARE YARDS



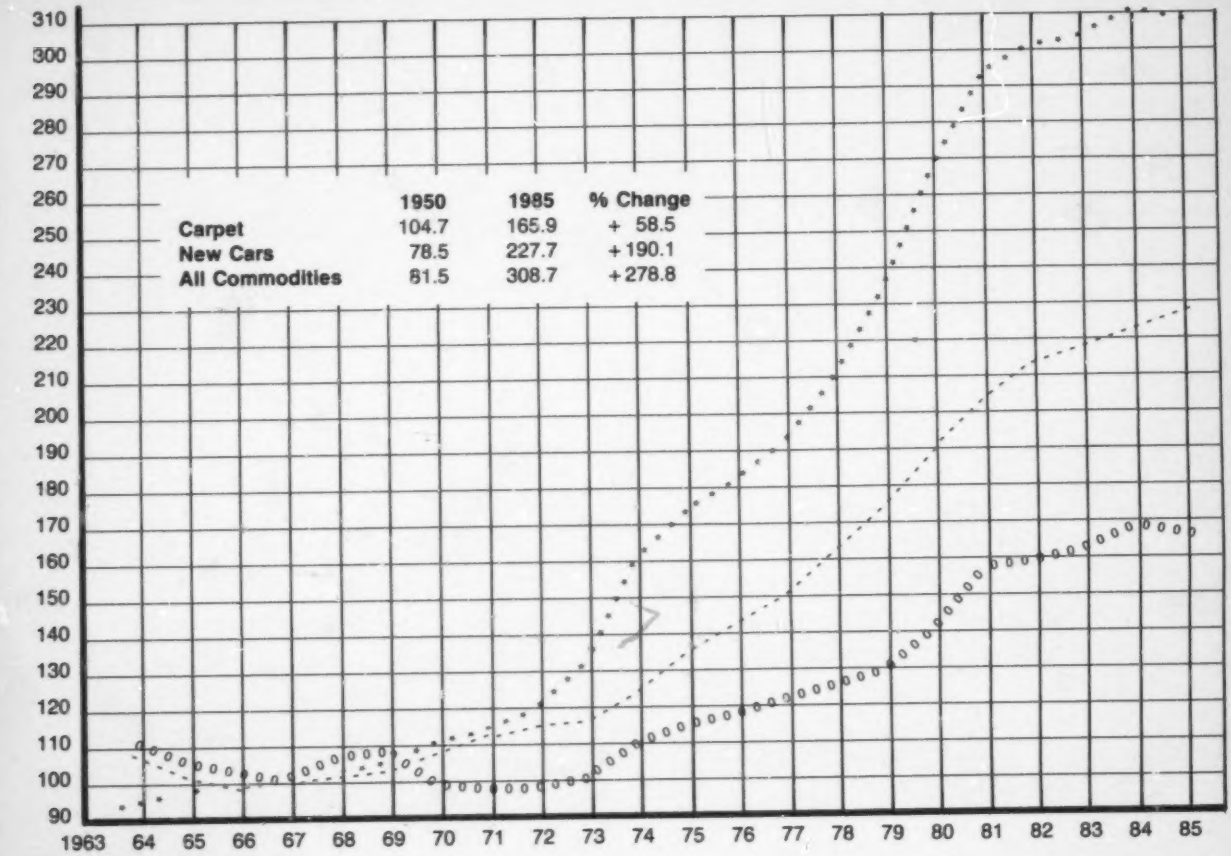
ALL OTHER SHIPMENTS — SQUARE YARDS



Refer to Appendix Table 1 and 3 for additional data.

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

PRODUCER PRICE INDEX (1967 = 100%)



	1950	1985	% Change
Carpet	104.7	165.9	+ 58.5
New Cars	78.5	227.7	+190.1
All Commodities	81.5	308.7	+278.8

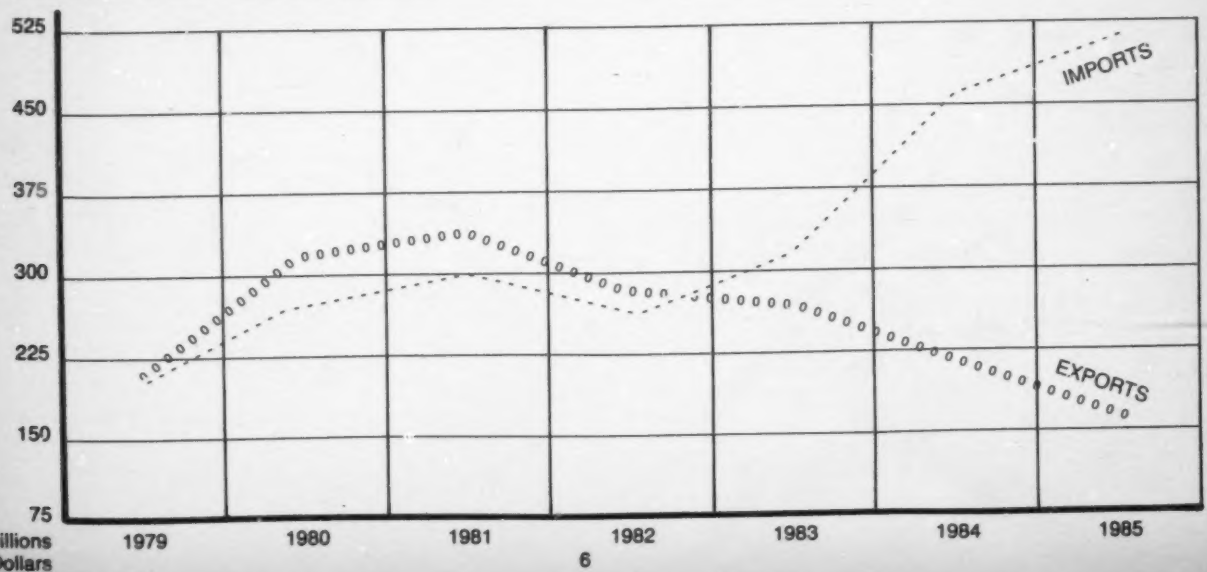
Source: Bureau of Labor Statistics

• • • • All Commodities

- - - - - New Cars

ooooo Carpet

CARPET AND RUG TRADE BALANCE



APPENDIX TABLE 1 TOTAL INDUSTRY SHIPMENTS — SQUARE YARDS (000's Omitted)

	1979	1980	1981	1982	1983	1984	1985
TUFTED	1,156,786	1,012,794	947,221	830,424	1,014,377	1,058,641	1,099,432
Rugs smaller than 6' x 9'	80,751	73,711	72,300	55,394	72,869	72,454	62,589
Rugs & roll goods larger than 6' x 9'	973,738	837,809	808,477	721,847	874,225	899,296	929,033
Artificial Grass for non-athletic surfaces	30,712	33,050	22,596	21,432	21,112	20,430	24,456
Automotive & aircraft	71,585	68,224	43,848	31,751	46,171	66,461	83,345
WOVEN	21,281	19,785	14,507	13,592	16,948	14,750	15,187
ALL OTHER	27,963	25,825	28,891	41,795	58,746	41,529	44,536
Knitted	7,617	7,386	6,383	5,565	6,277	6,201	6,147
Needlepunch	14,806	12,681	17,601	30,336	45,639	27,481	30,869
Braided, Hooked and Other N. E. C.	5,540	5,758	4,902	5,894	6,830	7,847	7,520
TOTAL INDUSTRY	1,206,030	1,058,404	990,619	885,811	1,090,071	1,114,920	1,159,155

Figures may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 2 TOTAL INDUSTRY SHIPMENTS — DOLLAR VALUE (000's Omitted)

	1979	1980	1981	1982	1983	1984	1985
TUFTED	4,805,357	4,617,518	4,956,474	4,621,098	5,656,773	6,088,200	6,224,678
Rugs smaller than 6' x 9'	251,973	273,323	298,053	277,080	339,372	313,595	318,331
Roll goods and rugs larger than 6' x 9'	4,239,270	4,013,669	4,398,367	4,107,496	4,996,626	5,405,926	5,437,499
Artificial Grass for non-athletic surfaces	70,799	78,437	59,132	56,493	56,738	55,299	58,743
Automotive & aircraft	243,315	252,089	200,922	180,029	264,037	313,380	410,105
WOVEN	200,351	197,772	178,559	194,659	219,699	215,604	227,779
ALL OTHER	93,382	98,554	115,358	144,996	168,783	157,712	153,229
Knitted	40,703	41,595	44,295	46,528	45,901	49,925	46,858
Needlepunch	32,401	29,052	45,145	72,031	93,118	65,673	61,902
Braided, Hooked and Other N. E. C.	20,278	27,907	25,918	26,437	29,764	42,114	44,469
TOTAL INDUSTRY	5,099,090	4,913,844	5,250,391	4,960,753	6,045,255	6,461,516	6,605,686

Figures may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 3 TOTAL INDUSTRY SHIPMENTS — QUARTERLY ANALYSIS (000's Omitted)

YEAR	QUARTER	SQUARE YARDS	DOLLARS
1985		**1,159,155**	**$6,605,686**
	1st	264,230	1,507,711
	2nd	305,975	1,729,811
	3rd	301,240	1,714,742
	4th	287,710	1,653,422
1984		**1,114,920**	**$6,461,516**
	1st	276,924	1,588,708
	2nd	295,756	1,697,569
	3rd	276,297	1,600,005
	4th	265,943	1,575,234
1983		**1,090,071**	**6,045,255**
	1st	233,859	1,250,204
	2nd	274,176	1,488,402
	3rd	285,862	1,598,758
	4th	296,174	1,707,891
1982		**885,811**	**$4,960,753**
	1st	213,813	1,173,137
	2nd	235,155	1,277,821
	3rd	219,707	1,258,385
	4th	217,136	1,251,410
1981		**990,619**	**$5,250,391**
	1st	241,903	1,217,186
	2nd	278,675	1,461,655
	3rd	252,530	1,379,518
	4th	217,611	1,192,032
1980		**1,058,404**	**$4,913,844**
	1st	287,880	1,307,283
	2nd	254,327	1,167,474
	3rd	246,290	1,152,448
	4th	269,907	1,286,639
1979		**1,206,030**	**$5,099,090**
	1st	279,379	1,141,597
	2nd	299,117	1,272,327
	3rd	309,750	1,309,453
	4th	317,784	1,375,713

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

APPENDIX TABLE 4 TOTAL INDUSTRY SHIPMENTS

(Includes all woven, all tufted and all other carpet and rugs combined)

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	319,489	+13.4	$ 1,075,526	+12.3	$ 3.36	- 1.2
1964	374,384	+17.2	1,241,511	+15.5	3.32	- 1.2
1965	430,257	+14.9	1,382,404	+11.3	3.21	- 3.3
1966	469,197	+ 9.1	1,497,588	+ 8.3	3.19	- 0.6
1967	496,794	+ 5.9	1,615,534	+ 7.9	3.25	+ 1.9
1968	586,155	+18.0	1,972,347	+22.1	3.36	+ 3.4
1969	642,645	+ 9.6	2,186,562	+10.9	3.40	+ 1.2
1970	680,479	+ 5.9	2,215,111	+ 1.3	3.26	- 4.1
1971	755,159	+11.0	2,395,519	+ 8.1	3.17	- 2.8
1972	943,006	+24.9	2,956,284	+22.6	3.11	- 1.9
1973	1,025,389	+ 8.7	3,360,521	+14.5	3.28	+ 5.5
1974	939,133	- 8.4	3,328,844	- 0.9	3.54	+ 7.9
1975	834,037	-11.2	3,092,176	- 7.1	3.71	+ 4.8
1976	939,334	+12.6	3,636,474	+17.6	3.87	+ 4.3
1977	1,074,110	+14.3	4,298,660	+18.2	4.00	+ 3.4
1978	1,162,256	+ 8.2	4,772,550	+11.0	4.11	+ 2.8
1979	1,206,030	+ 3.8	5,099,000	+ 6.8	4.23	+ 2.9
1980	1,058,404	-12.2	4,913,844	- 3.9	4.64	+ 9.7
1981	990,619	- 6.4	5,250,391	+ 6.8	5.30	+14.2
1982	885,811	-10.6	4,960,753	- 5.5	5.60	+ 5.7
1983	1,090,071	+23.0	6,045,255	+21.9	5.55	- 0.9
1984	1,114,920	+ 2.3	6,461,516	+ 6.9	5.80	+ 4.5
1985	1,159,155	+ 4.0	6,605,686	+ 2.2	5.70	- 1.7

APPENDIX TABLE 5 TOTAL BROADLOOM SHIPMENTS

(Includes all woven and knitted goods plus tufted roll goods and rugs larger than 6' x 9')

YEAR	SQUARE YARDS (000's)	% Inc. or Dec.	MILL VALUE (000's)	% Inc. or Dec.	PRICE/SQUARE YARD	% Inc. or Dec.
1963	225,332	+15.5	$ 891,005	+13.2	$ 3.95	- 2.0
1964	265,008	+17.6	1,003,398	+16.0	3.90	- 1.3
1965	301,143	+13.6	1,135,892	+ 9.9	3.77	- 3.3
1966	331,279	+10.0	1,222,964	+ 7.7	3.69	- 2.1
1967	368,590	+11.3	1,327,148	+ 8.5	3.60	- 2.4
1968	434,640	+17.9	1,631,226	+22.9	3.75	+ 4.2
1969	494,686	+13.8	1,862,027	+14.1	3.76	+ 0.3
1970	536,352	+ 8.4	1,908,417	+ 2.5	3.56	- 5.3
1971	589,920	+10.0	2,063,071	+ 8.1	3.50	- 1.7
1972	768,389	+30.3	2,594,986	+25.8	3.38	- 5.4
1973	842,240	+ 9.6	2,995,857	+15.5	3.56	+ 5.3
1974	788,944	- 6.3	2,975,069	- 0.7	3.77	+ 5.9
1975	703,423	-10.8	2,744,169	- 7.8	3.90	+ 3.4
1976	789,945	+12.3	3,230,990	+17.7	4.09	+ 4.9
1977	901,173	+14.1	3,816,847	+18.1	4.24	+ 3.7
1978	990,072	+ 9.9	4,257,467	+11.5	4.30	+ 1.4
1979	1,033,348	+ 4.4	4,551,123	+ 6.9	4.40	+ 2.3
1980	898,030	-13.1	4,331,473	- 4.8	4.82	+ 9.5
1981	851,968	- 5.1	4,680,353	+ 8.1	5.49	+13.9
1982	762,436	-10.5	4,405,176	- 5.9	5.78	+ 5.3
1983	918,562	+20.5	5,318,964	+20.7	5.79	+ 0.2
1984	940,677	+ 2.4	5,726,754	+ 7.7	6.09	+ 5.2
1985	947,823	+ 3.6	5,770,879	+ 0.8	5.92	- 2.8

APPENDIX TABLE 6 CARPET AND RUG FIBER SHIPMENTS (MM pounds)

	1980	1981	1982	1983	1984	1985 1st Q	1985 2nd Q	1985 3rd Q	1985 4th Q	1985 Total
*Nylon BCF	714.5	633.6	559.5	734.6	770.2	163.9	207.5	223.6	220.4	815.4
*Nylon Staple	631.5	617.4	594.4	815.2	751.0	176.5	190.0	199.4	208.0	773.9
Polyester Staple	119.9	124.0	114.7	139.0	131.4	30.7	33.9	30.3	31.9	126.8
Polypropylene Staple & Fibrillated	89.5	89.5	90.0	147.2r	154.1r	44.8	57.2	53.9	52.2	202.1
Polypropylene Staple	61.6	67.5	76.8	93.6	96.5	25.2	30.6	27.7	23.9	107.4
Wool	10.0	11.0	9.8	10.7	9.9	4.0	2.7	2.9	2.1	11.7
TOTALS	1,627.0	1,543.0	1,445.2	1,940.3r	1,913.1r	445.1	521.9	537.8	538.5	2,037.3

*Only 1981 and 1982 poundages include Aramid.

Source: Textile Organon, Textile Economics Bureau

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APPENDIX TABLE 7 CARPET/RUG EXPORTS (000's Omitted) CARPET/RUG IMPORTS (000's Omitted)

Year	Sq. Yds.	% Inc. or Dec.	Dollars*	% Inc. or Dec.
1975	20,895	—	$ 86,173	—
1976	24,630	+17.9	102,456	+18.9
1977	23,865	- 3.1	105,786	+ 3.3
1978	31,763	+33.1	147,322	+39.3
1979	43,763	+37.8	212,272	+44.1
1980	68,617	+56.8	320,281	+50.9
1981	60,460	-11.9	335,172	+ 4.6
1982	50,265	-16.9	286,182	-14.6
1983	48,342	- 3.8	264,092	- 7.7
1984	36,029	-25.5	216,412	-18.1
1985	24,767	-31.3	165,108	-23.7

Source: U.S. Department of Commerce, Bureau of the Census, EM 522 and 526. Excludes Underlayment.

*F.A.S. Country of Origin - not including freight and duty cost.

Year	Sq. Yds.	% Inc. or Dec.	Dollars**	% Inc. or Dec.
1975	10,751	—	$ 87,292	—
1976	13,988	+30.1	119,705	+37.1
1977	13,871	- 0.8	146,319	+22.2
1978	15,032	+ 8.4	189,846	+29.7
1979	14,151	- 5.9	199,752	+ 5.2
1980	13,798	- 2.5	276,311	+38.3
1981	14,151	+ 2.6	299,226	+ 8.3
1982	17,122	+21.0	267,594	-10.6
1983	23,813	+39.1	317,264	+18.6
1984	37,961	+54.4	458,936	+44.7
1985	51,764	+36.4	510,356	+11.2

Source: U.S. Department of Commerce, Bureau of the Census, IM 145 and 146. Excludes Underlayment.

**C.I.F. values (cost, insurance and freight

APPENDIX TABLE 8 CARPET/TOTAL TEXTILES BALANCE OF TRADE (000's Omitted)

PERIOD	CARPET IMPORTS	CARPET EXPORTS	BALANCE OF CARPET TRADE	TEXTILES IMPORTS	TEXTILES EXPORTS	BALANCE OF TEXTILE TRADE*
1975	$ 87,292	$ 86,173	- 1.29%	$ 1,336	$ 1,625	+21.63%
1976	119,705	102,456	-14.41%	1,791	1,970	+09.99%
1977	146,319	105,786	-27.71%	1,939	1,959	+01.03%
1978	189,846	147,322	-22.40%	2,400	2,225	-07.29%
1979	199,752	212,272	+ 6.26%	2,399	3,189	+32.93%
1980	276,311	320,281	+15.91%	2,676	3,632	+35.73%
1981	299,226	335,172	+12.01%	3,250	3,619	+11.35%
1982	267,594	286,182	+ 6.95%	3,000	2,784	-07.20%
1983	317,264	264,092	-16.76%	3,460	2,368	-31.56%
1984	458,936	216,412	-52.84%	4,874	2,382	-51.13%
1985	510,356	165,108	-67.65%	5,274	2,366	-55,14%

*Textiles include all yarns, fiber, carpet, rugs, and fabric. F.A.S. values for Exports and C.I.F. values for Imports.
Sources: U.S. Department of Commerce, Bureau of the Census, IM 145, IM 146, EM 522, EM 546, FT 135, and FT 140.

APPENDIX TABLE 9 1985 EXPORTS OF CARPET AND RUGS BY TYPE (000's Omitted)

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Argentina	1	$ 20	4	$ 47	0	$ 0	1	$ 48	6	$ 115
Australia	101	845	24	325	1	6	56	528	182	1,704
Austria	3	21	0	7	4	20	1	8	8	56
Bahamas	125	1,159	107	733	0	1	20	307	252	2,200
Bahrain	316	2,253	14	154	0	0	0	19	330	2,426
Barbados	46	196	32	208	0	0	33	163	111	567
Belgium&Luxembourg	10	187	12	42	0	0	4	55	26	284
Belize	1	9	3	16	0	0	0	0	4	25
Bermuda	167	941	63	519	0	0	10	50	240	1,510
Bolivia	4	37	0	3	0	0	2	5	6	45
Brazil	1	6	5	137	0	0	1	11	7	154
Cameroon	0	0	0	4	0	0	41	36	41	40
Canada	4,996	29,285	1,178	5,326	420	1,147	577	2,303	7,171	38,061
Cayman Islands	36	269	29	193	0	0	6	40	71	502
Chile	51	284	13	122	0	0	9	58	73	464
China(Mainland)	7	66	2	70	0	0	18	122	27	258
China(Taiwan)	75	354	151	743	0	0	9	30	235	1,127
Colombia	19	139	12	99	4	32	2	14	37	284
Costa Rica	1	13	4	47	0	0	4	35	9	95
Cyprus	1	7	0	0	0	0	0	0	1	7
Denmark	1	27	2	102	0	0	1	96	4	225
Dominican Republic	52	326	8	65	0	0	11	76	71	467
Ecuador	5	42	1	24	0	0	2	15	8	81
Egypt	1	5	2	13	0	0	1	3	4	21
Ethiopia	0	0	7	101	0	0	1	17	8	118
Finland	5	39	0	0	0	0	0	0	5	39
France	15	132	2	61	0	2	2	68	19	263
French Pacific Islands	2	11	0	0	0	0	1	12	3	23
French West Indies	3	26	0	0	0	0	1	6	4	32
Germany(West)	108	993	50	1,259	24	130	454	1,636	636	4,018
Ghana	1	4	0	0	0	0	0	0	1	4
Greece	1	9	6	80	0	0	0	0	7	89
Guatemala	5	32	11	87	0	0	3	17	19	136
Guinea	0	0	0	1	0	0	0	0	0	1
Guyana	1	8	1	6	0	0	0	0	2	14
Haiti	8	86	12	93	0	0	2	3	22	182
Honduras	2	11	5	46	0	0	0	5	7	62
Hong Kong	227	2,740	308	973	0	0	57	308	592	4,021
Iceland	0	4	1	14	0	0	0	0	1	18
India	0	0	1	50	0	0	0	0	1	50
Indonesia	21	159	0	3	0	0	0	0	21	162
Ireland	0	3	0	0	0	0	1	7	1	10
Israel	6	49	0	7	0	0	0	15	6	71
Italy	12	45	2	72	0	12	1	130	15	259
Jamaica	27	248	19	110	0	0	8	152	54	510
Japan	1,128	5,056	175	1,678	0	0	92	855	1,396	7,589
Jordan	263	1,426	0	3	0	0	16	18	279	1,448
Korea(Republic)	98	522	12	147	0	0	14	162	124	831
Kuwait	1,475	10,591	54	738	0	0	8	73	1,537	11,402
Lebanon	18	121	10	70	0	0	0	0	28	191
Leeward&Windward Is.	21	127	26	259	0	0	36	177	83	563
Liberia	26	133	3	19	0	0	2	13	31	165

Country of Destination	TUFTED		MACHINE WOVEN		NEEDLEPUNCH		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Libya	0	0	1	11	0	0	0	0	1	11
Madagascar	0	0	0	1	0	0	0	0	0	1
Malayia	77	483	3	14	0	0	8	133	88	630
Malta	4	12	0	0	0	0	0	0	4	12
Mexico	26	166	47	435	6	26	92	965	171	1,592
Morocco	0	0	0	12	0	0	0	0	0	12
Namibia	11	146	9	44	0	0	3	15	23	205
Nepal	0	0	0	3	0	0	0	3	0	6
Netherlands	32	337	8	140	0	0	120	1,433	160	1,908
Netherlands Antilles	29	274	61	346	0	0	14	71	104	691
New Zealand	2	30	4	56	0	0	15	113	21	199
Nicaragua	0	0	0	0	0	0	1	7	1	7
Nigeria	0	0	1	11	0	0	0	0	1	11
Norway	32	390	0	3	0	0	3	34	35	427
Oman	214	1,431	15	104	0	0	7	105	236	1,640
Opac. Is.	6	41	0	0	0	0	0	0	6	41
Pacific Is. Territory	0	1	1	23	0	0	1	7	2	31
Pakistan	0	5	1	79	0	0	2	9	3	93
Panama	33	208	78	519	0	0	31	199	142	926
Paraguay	8	123	2	12	0	0	0	31	10	166
Peru	9	71	32	290	0	0	1	6	42	367
Philippines	0	1	1	14	0	0	1	12	2	27
Poland	0	5	0	0	0	0	0	0	0	5
Portugal	0	0	0	2	0	0	0	0	0	2
Salvador	5	56	4	25	0	0	3	14	12	95
Saudi Arabia	5,154	34,870	1,001	9,479	0	0	123	1,151	6,279	45,500
Sierra Leone	0	0	26	30	0	0	0	0	26	30
Singapore	428	3,104	55	548	0	1	41	273	524	3,926
South Africa(Republic of.)	15	114	0	2	0	0	2	18	17	134
Spain	1	19	30	327	0	0	6	51	37	397
Sudan	0	0	0	13	0	0	0	4	0	17
Sweden	55	565	0	2	0	0	16	122	71	689
Switzerland	27	390	8	407	11	60	14	614	60	1,471
Syria	3	36	0	0	0	0	0	0	3	36
Thailand	0	2	2	13	0	0	2	16	4	31
Trinidad	280	1,490	108	654	0	0	29	129	417	2,273
Truk Pacific Is.	1	9	3	64	0	0	4	2	8	75
Tunisia	1	3	0	0	0	0	0	0	1	3
United Arab Emirates	1,089	8,253	170	1,349	0	3	25	100	1,284	9,705
United Kingdom	334	2,801	71	1,070	4	25	210	1,048	619	4,944
Uruguay	2	9	7	39	0	0	0	1	9	49
Venezuela	0	3	7	31	0	0	6	349	13	383
Yemen(A)	9	27	0	0	0	0	0	0	9	27
Yemen(S)	1	4	7	45	0	0	0	0	8	49
Totals	17,784	$117,536	4,158	$ 31,269	474	$ 1,464	2,351	$ 14,838	24,767	$165,108

Source: U.S. Department of Commerce, Bureau of the Census, EM546.

Note: Dollar value reported F.A.S. country of origin - not including freight and duty cost.

*Does not add due to rounding.

Data exclude underlayment.

APPENDIX TABLE 10 — 1985 IMPORTS OF CARPET AND RUGYS BY TYPE

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Afghanistan	0	$ 5	0	$ 5	33	$ 1,466	1	$ 16	23	$ 432	57	$ 1,924
Argentina	0	0	0	0	0	0	0	0	2	25	2	25
Australia	44	1,240	0	0	1	92	17	399	2	31	64	1,762
Austria	0	6	1	14	1	38	4	33	30	534	36	625
Bahrain	0	0	0	0	0	12	0	0	0	0	0	12
Bangladesh	0	0	0	0	1	39	7	42	2	14	10	95
Barbados	0	0	0	0	0	0	4	55	0	0	4	55
Belgium	6,242	25,446	24	141	34	387	5,044	38,468	376	1,967	11,720	66,409
Bolivia	0	0	0	0	0	3	0	0	1	3	1	6
Brazil	68	312	6	14	0	0	84	661	78	294	236	1,281
Bulgaria	2	15	0	0	0	0	9	32	0	5	11	52
Cambodia	0	0	0	0	0	21	0	0	0	0	0	21
Cameroon	6	188	0	0	0	0	0	0	0	0	6	188
Canada	2,118	10,392	0	2	2	53	22	371	687	2,385	2,829	13,203
China (Mainland)	525	14,699	14	51	1,273	65,500	14	282	143	857	1,969	81,389
China (Taiwan)	21	325	9	35	19	1,074	18	329	10	64	77	1,827
Colombia	0	0	0	0	0	8	0	0	0	0	0	8
Costa Rica	0	2	0	0	0	0	0	0	0	0	0	2
Czechslovakia	0	0	0	0	0	0	0	0	0	1	0	1
Denmark	202	2,081	0	8	7	181	141	2,907	74	744	424	5,921
Dominican Republic	6	32	0	0	0	2	0	0	0	0	6	34
Ecuador	0	0	0	0	0	18	0	3	1	23	1	44
Egypt	0	3	0	0	3	417	0	3	2	27	5	450
Ethiopia	0	0	0	0	1	11	0	0	0	1	1	12
Finland	0	7	0	0	1	41	1	8	6	121	8	177
France	2	73	0	3	6	518	64	1,209	25	395	98	2,198
French Indian Ocean	0	0	0	0	0	0	4	6	0	0	4	6
Germany (West)	366	2,491	1	10	69	2,065	79	1,002	526	3,791	1,041	9,359
Germany (East)	0	1	0	0	2	149	0	0	0	0	2	150
Ghana	0	6	0	0	0	0	1	17	0	0	1	23
Gibralter	0	0	0	0	0	0	0	0	0	1	0	1
Granada	0	0	0	0	0	5	0	0	0	0	0	5
Greece	91	621	0	0	2	177	97	891	4	61	194	1,750
Guatemala	0	0	0	0	0	5	0	1	1	9	1	15
Guinea	0	0	0	0	0	0	0	0	2	37	2	37
Haiti	1	21	2	20	0	3	0	4	2	72	5	120
Hong Kong	45	2,628	0	6	84	4,313	7	161	21	277	157	7,385
Hungary	0	0	0	0	1	55	0	0	23	257	24	312
Iceland	0	5	0	0	0	15	3	33	0	6	3	59
India	67	203	11	50	1,390	59,893	304	1,313	15,762	36,675	17,534	98,134
Indonesia	0	5	0	0	0	0	0	1	14	33	14	39
Iran	1	78	0	6	273	32,089	1	142	1	128	276	32,443
Iraq	0	6	0	0	0	0	0	2	0	0	0	8
Ireland	9	116	0	0	2	179	355	5,867	395	2,424	761	8,586
Israel	62	500	0	0	2	270	114	1,285	0	23	178	2,078
Italy	11	121	4	40	3	335	324	2,391	8	192	350	3,079
Ivory Coast	4	99	0	0	0	2	0	5	0	0	4	106
Japan	515	4,812	3,352	11,851	8	439	55	468	705	2,135	4,635	19,705
Jordan	0	0	0	1	0	0	0	0	0	0	0	1
Kenya	0	0	0	0	0	0	0	4	0	1	0	5
Korea	175	3,807	3	41	3	114	3	12	16	67	200	4,041
Kuwait	0	0	0	0	0	50	0	0	0	0	0	50
Laos	0	0	0	0	0	0	0	0	1	1	1	1

Country of Origin	TUFTED		BRAIDED		HANDMADE ORIENTAL		MACH. WOVEN		ALL OTHERS		TOTAL	
	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars	Sq. Yds.	Dollars
Lebanon	0	61	0	0	1	55	0	0	0	3	1	119
Lesotho	0	0	0	0	0	0	0	0	0	1	0	1
Macao	0	0	0	0	0	3	0	0	0	0	0	3
Malaysia	0	0	0	0	1	37	0	0	0	0	1	37
Mali	0	1	0	0	0	0	0	3	0	0	0	4
Mauritius	0	0	0	0	0	0	0	1	0	0	0	1
Mexico	590	2,502	1	10	16	129	0	5	284	1,577	891	4,223
Morocco	0	6	0	0	14	616	0	12	83	679	97	1,313
Mozambique	0	0	0	0	0	0	0	0	0	1	0	1
Namibia	0	0	0	0	1	45	0	0	0	0	1	45
Nepal	0	6	0	2	12	649	0	4	0	20	12	681
Netherlands	2,068	10,949	15	42	3	126	300	5,178	338	2,367	2,724	18,662
New Zealand	91	1,558	0	0	0	3	27	686	1	17	119	2,264
Nigeria	0	1	0	0	0	1	0	0	0	35	0	37
Norway	0	0	0	0	0	0	0	0	0	2	0	2
Pakistan	1	59	0	3	455	30,861	6	45	47	322	509	31,290
Panama	0	0	0	0	0	3	0	0	0	0	0	3
Paragua	0	0	0	0	0	1	0	0	0	8	0	9
Peru	0	1	1	11	2	47	0	4	3	50	6	113
Philippines	20	725	0	0	4	279	7	123	2	34	33	1,161
Pitcarn	0	0	0	0	0	0	0	0	56	17	56	17
Poland	0	0	0	0	0	9	0	2	1	25	1	36
Portugal	4	98	0	0	24	441	1	43	75	2,252	104	2,834
Romania	0	1	0	0	129	7,845	0	0	51	1,750	180	9,596
Salvador	2	5	0	0	0	8	0	0	0	0	2	13
Saudi Arabia	0	13	0	0	1	31	1	23	0	5	2	72
Seychel	0	7	0	0	0	0	0	0	0	0	0	7
Singapore	2	109	0	0	0	40	0	0	0	6	2	155
South Africa (Republic of)	22	100	1	3	1	52	10	274	10	127	44	556
Spain	117	1,019	1	17	6	197	950	11,560	8	205	1,082	12,998
Sri Lanka	0	0	0	0	0	0	0	1	0	0	0	1
Swaziland	0	0	0	0	0	26	0	0	6	108	6	134
Sweden	1	32	0	5	6	46	8	80	13	153	28	316
Switzerland	61	655	0	1	10	786	66	2,112	41	350	178	3,904
Syria	0	0	0	0	0	13	0	0	0	0	0	13
Thailand	43	1,459	0	0	4	185	8	265	1	26	56	1,936
Tokelau	0	0	0	0	0	13	0	0	1	4	1	17
Tunisia	0	1	0	0	2	67	0	1	3	63	5	132
Turkey	0	12	0	1	165	12,258	56	661	183	2,251	404	15,183
U.S.S.R.	0	1	0	2	3	192	0	0	1	6	4	201
United Arab Emirates	0	1	0	0	4	280	0	18	0	49	4	348
United Kingdom	218	2,214	14	174	21	2,151	1,870	30,826	83	1,094	2,206	36,459
Uruguay	49	175	0	0	0	0	0	0	0	8	49	183
Venezuela	0	0	0	0	0	0	0	0	0	1	0	1
Yugoslavia	0	2	0	0	0	11	0	1	4	43	4	57
TOTALS	13,872	$ 92,119	3,461*	$ 12,569	4,106	$227,544	10,087	$110,350	20,238	$ 67,773	51,764*	$510,356

*Does not add due to rounding.

Source: U. S. Department of Commerce, Bureau of the Census, IM 146.

Notes: Dollar value reported F.O.B. country of origin - not including freight and duty cost.
All data exclude underlayment.

APPENDIX TABLE 11 PRIMARY BACKING COMSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN (Pounds)							
Cotton	4,380	2,450	2,080	1,506	(D)	(D)	(D)
Jute	9,679	16,346	15,360	4,701	4,294	2,764	4,266
Paper	(D)	—	—	—	—	—	—
Man-Made & All Other	13,218	12,412	15,795	9,292	[1]8,638	[1]8,694	[1]7,605
TOTAL	27,277	31,208	33,235	15,499	15,316	12,729	13,855
TUFTED (Square Yards)							
Cotton	1,022	598	(D)	(D)	3,106	(D)	(D)
Jute	205,493	202,338	122,675	30,397	42,346	22,094	41,213
Paper	—	—	—	—	—	—	—
Man-Made & All Other	761,300	871,949	1,023,967	858,441	[1]832,738	[1]736,112	[1]854,843
TOTAL	973,897	1,080,341	1,152,190	926,397	883,774	766,441	982,517
ALL OTHER (Square Yards)							
Cotton	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper	—	—	—	—	—	—	—
Man-Made & All Other	23,170	22,046	15,547	14,426	[2]10,496	[3]5,271	[3]7,645
TOTAL	25,902	26,196	18,353	14,999	10,993	27,978	11,834
TOTAL (Square Yards)							
Not Available							

APPENDIX TABLE 12 SECONDARY BACKING CONSUMED (000's Omitted)

MATERIAL	1977	1978	1979	1980	1981	1982	1983
WOVEN (Square Yards)							
Jute	(D)	(D)	(D)	(D)	(D)	(D)	(D)
M/M, Woven & Non-W	—	(D)	—	—	(D)	(D)	(D)
Cushion-Total	(D)	2,373	2,814	(D)	(D)	(D)	(D)
Foam or High Den		(D)	(D)				
Vinyl, Poly, Other	(D)	(D)	(D)	—	—	(D)	(D)
Other	(D)	(D)	(D)	—	—	—	—
TOTAL	(D)	(D)	(D)	1,110	(D)	(D)	(D)
TUFTED (Square Yards)							
Jute	504,177	570,690	583,316	419,647	463,669	384,442	(D)
M/M, Woven & Non-W	—	21,395	92,825	183,256	171,045	165,602	219,933
Cushion-Total	206,262	245,620	210,004	161,778	128,250	123,822	113,268
Foam or High Den	192,241	225,460	188,660	104,745	92,834	90,510	58,498
Vinyl, Poly, Other	14,021	20,160	21,344	33,043	35,416	33,312	23,955
Other	54,454	52,027	55,746	44,117	48,465	41,316	(D)
TOTAL	783,497	913,163	1,181,318	824,671	812,245	735,041	838,382
ALL OTHER (Square Yards)							
Jute	—	—	—	—	—	—	—
M/M, Woven & Non-W	—	—	—	—	—	—	—
Cushion - Total	(D)	(D)	(D)	2,290	2,862	(D)	(D)
Foam or High Den	(D)	(D)	(D)	1,968	2,862	(D)	(D)
Vinyl, Poly, Other	(D)	(D)	(D)	322	—	(D)	(D)
Other	(D)	(D)	(D)	814	—	(D)	(D)
TOTAL	(D)	(D)	(D)	3,104	2,862	(D)	(D)
TOTAL (Square Yards)							
Jute	514,217	580,437	593,898	429,764	464,362	395,611	432,929
M/M, Woven & Non-W	—	21,873	92,825	183,874	181,166	174,930	239,636
Cushion - Total	216,735	256,592	219,951	165,871	131,827	125,528	117,422
Foam or High Den	199,147	233,349	195,864	122,498	96,411	91,882	85,553
Vinyl, Poly, Other	17,588	23,243	24,087	43,373	35,416	33,646	31,869
Other	61,442	69,644	75,935	49,376	48,465	41,344	56,056
TOTAL	792,394	928,546	982,609	828,885	825,820	737,413	846,043

[1]All Man-Made [2]Man-Made 3,236 [3]All "Other"

(D) Withheld to avoid disclosing figures of individual companies.

Note: Individual figures do not add up to totals because some data were withheld to avoid problems of disclosure.

Source: U.S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

Note: The Department of Commerce, Bureau of the Census, has discontinued the Primary and Secondary backings portions of the MQ-22Q as of January, 1984.

APPENDIX TABLE 13 HOUSING STARTS/TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9'

NEW PUBLIC AND PRIVATE HOUSING UNITS STARTED — Seasonally adjusted Annual Rate

Year	MM Units	% Inc. or Dec.
1963	1,634.9	-
1964	1,561.0	- 4.5
1965	1,509.7	- 3.3
1966	1,195.8	-20.8
1967	1,321.9	+10.5
1968	1,545.4	+16.9
1969	1,499.5	- 3.0
1970	1,469.0	- 2.0
1971	2,084.5	+41.1
1972	2,378.5	+14.1
1973	2,057.3	-13.5
1974	1,352.5	-34.3
1975	1,171.4	-13.4
1976	1,547.6	+32.1
1977	2,001.7	+29.3
1978	2,036.1	+ 1.7
1979	1,760.0	-13.6
1980	1.312.6	-25.4
1981	1,100.3	-16.2
1982	1,072.1	- 2.6
1983	1,712.5	+59.7
1984	1,755.8	+ 2.5
1985	1,745.0	- 0.6

Source: U.S. Department of Commerce, Bureau of the Census, Construction Reports, Housing Starts, C-20-85-1.

***TUFTED ROLL GOODS AND RUGS LARGER THAN 6' x 9' (Incl. Artificial Grass)**

Year	Square Yards (000's Omitted)	% Inc. or Dec.
1963	176,362	—
1964	219,703	+24.6
1965	259,885	+18.3
1966	288,710	+11.1
1967	328,602	+13.8
1968	394,747	+20.1
1969	455,341	+15.4
1970	502,280	+10.3
1971	558,565	+11.2
1972	734,308	+31.5
1973	809,435	+10.2
1974	756,386	- 6.5
1975	676,713	-10.5
1976	762,217	+12.6
1977	875,882	+14.9
1978	963,420	+10.0
1979	1,004,450	+ 4.3
1980	870,859	-13.3
1981	831,073	- 4.6
1982	743,280	-10.6
1983	895,337	+20.5
1984	919,726	+ 2.7
1985	953,489	+ 3.7

Source: U. S. Department of Commerce, Bureau of the Census, Current Industrial Reports, "Carpet and Rugs," Series MQ-22Q.

*Mill Shipments